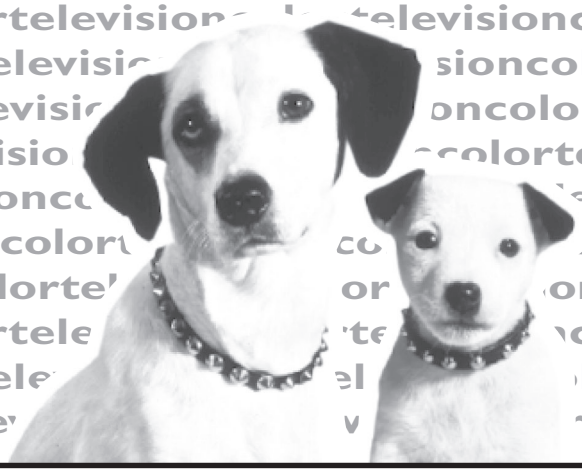
RCA

USER'S GUIDE



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IMPORTANT INFORMATION

WARNING

To reduce the risk of fire or electric shock, do not expose this TV to rain or moisture.

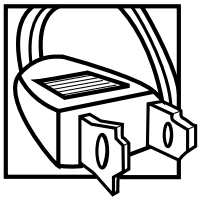
CAUTION

RISK OF ELECTRIC SHOCK. DO NOT OPEN

CAUTION: To reduce the risk of electric shock, do not remove cover (or back). No user serviceable parts inside. Refer servicing to qualified service personnel.

This symbol indicates "dangerous voltage" inside the product that presents a risk of electric shock or personal injury.

This symbol indicates important instructions accompanying the product.



Caution: To prevent electric shock, match wide blade of plug to wide slot, fully insert.

Attention: Pour éviter les chocs électriques, introduire la lame la plus large de la fiche dans la borne correspondante de la prise et pousser jusqú au fond.

Refer to the identification/rating label located on the back panel of your product for its proper operating voltage.

FCC Regulations state that unauthorized changes or modifications to this equipment may void the user's authority to operate it.

Caution: Using video games or any external accessory with fixed images for extended periods of time can cause them to be permanently imprinted on the picture tube (or projection TV picture tubes). ALSO, some network/program logos, phone numbers, etc. may cause similar damage. This damage is not covered by your warranty.

Cable TV Installer: This reminder is provided to call your attention to Article 820-40 of the National Electrical Code (Section 54 of the Canadian Electrical Code, Part 1) which provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building as close to the point of cable entry as practical.

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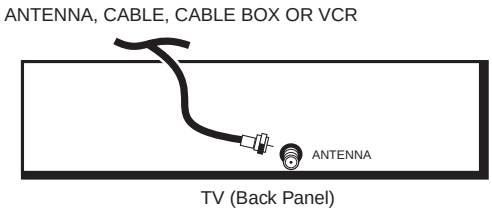
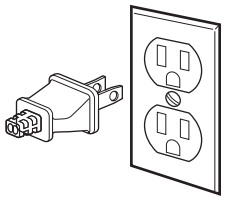
GETTING STARTED

SETUP AND CONNECTION



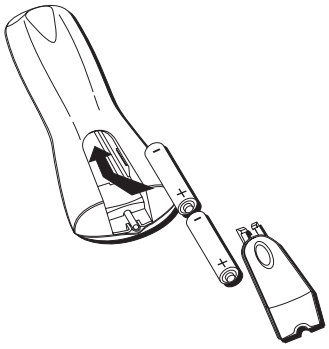
Step 1: Connect Your TV
Connect the cable from your cable system or off-air antenna to the ANTENNA jack on the back of the TV, as shown.

Step 2: Plug In Your TV
Plug the end of the power cord into the wall outlet, matching the wide blade of the plug with the wide slot in the outlet. Be sure to insert the plug completely.



Step 3: Put Batteries in the Remote Control

1. Remove the battery compartment cover from the back of the remote.
2. Insert batteries as shown, matching the + and – ends of each battery in the compartment.
3. Replace the cover.



Step 4: Turn on the TV
Press the ON•OFF button on the remote or the POWER button on the front panel.

Step 5: Auto Channel Search
Perform an *Auto Channel Search* (described in the *Channel* menu section).

DIPOLE ANTENNA CONNECTION

Follow the steps to connect the indoor antenna supplied with your TV (only if you do not connect an outdoor antenna or a cable-TV system).

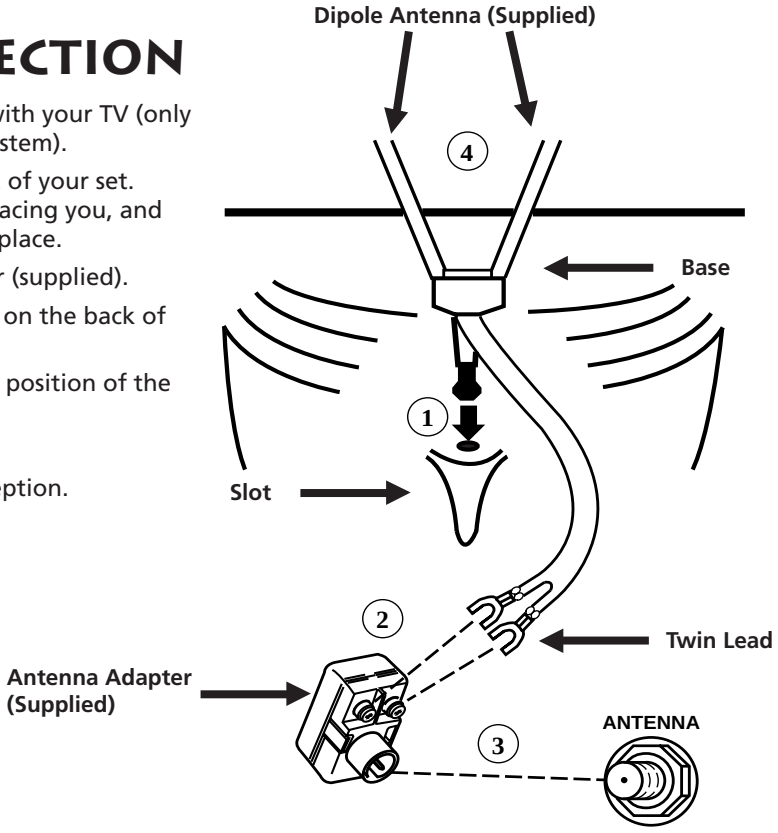
Insert the antenna base into the pocketed slot on the back of your set. Stand at the back of your set with the antenna twin-lead facing you, and press the base of the antenna into the slot until it locks in place.

Connect the ends of the twin-lead to the Antenna Adapter (supplied).

Connect the Antenna Adapter to the ANTENNA connector on the back of the TV.

Later, after you've turned on the TV, adjust the length and position of the antenna rods for best reception.

- For viewing VHF channels, extend the rods fully.
- For viewing UHF channels, shorten the rods for best reception.



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CHANNEL MARKER

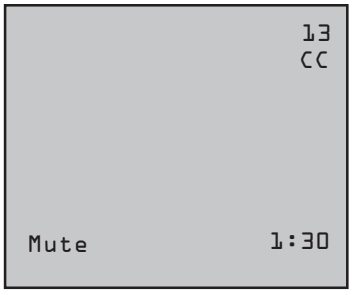
The Channel Marker comes up when you first turn on the TV, change channels, or press the DISPLAY button.

01:30 Displayed to count down time left on the commercial skip timer.

13 Displays the current channel.

CC Displayed when Closed Captioning is available.

Mute Displayed when you mute the audio.



The Channel Marker shown is just an example of what your screen may look like.

You can press DISPLAY or CLEAR to make the Channel Marker disappear, or it will disappear automatically after a short time.

FRONT PANEL CONTROLS

MENU Brings up the Main menu. When in the menu system, it selects highlighted items. Also returns you to the previous menu.

CHANNEL v Scans down through the channel list. When a menu is displayed, CHANNEL **v** points down to items and adjusts menu controls.

CHANNEL ^ Scans up through the channel list. When a menu is displayed, CHANNEL **^** points up to items and adjusts menu controls.

VOLUME - Decreases the volume. When in the menu system, VOLUME - is used to point left to items and adjust menu controls.

VOLUME + Increases the volume. When in the menu system, VOLUME + is used to point right to items and adjust menu controls.

POWER Turns the TV on and off.

FRONT PANEL LOCK

This feature allows you to lock the buttons on the front of the TV. Even when the front panel lock feature is ON, the TV operates with the remote control.

- To lock the buttons on the front of the TV, make sure the TV is turned ON, then press and hold the ON•OFF button on the remote for approximately 5 seconds.
- To turn off the front panel lock, make sure the TV is OFF, then press and hold the POWER button on the remote for approximately 5 seconds. Now the buttons will operate properly.

Caution

If you choose to use a stand with your TV, take precautions that the stand or other furniture the TV is placed on is properly located and of adequate size and strength to prevent the TV from accidentally being pushed off, pulled off, or tipped over. This could cause damage to the TV and/or personal injury.

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THE REMOTE CONTROL

REMOTE CONTROL BUTTONS

0-9 (Number buttons) Enter channel numbers and time settings directly through the remote control.

To enter a two-digit channel, press the two digits. To enter a three-digit channel, press and hold the first digit for two seconds until two dashes appear to the right of the number, then add the second two. Example: to tune to channel 123, press and hold 1 for two seconds, press 2, then press 3.

Arrow buttons (up, down, left, right) Press the arrow buttons to move through the on-screen menu system.

ANTENNA Functions as TV/VCR button in VCR mode and TV/receiver button in SAT•CABLE mode.

AUX (auxiliary) Puts the remote in auxiliary mode to operate the component you've programmed the remote to operate with this button. You can program this button to control a cable box, satellite receiver, most RCA, GE and Proscan audio components, a laserdisc player, or a VCR.

CH (up and down) buttons Scan up or down through the current channel list. Press once to change the channel up or down; press and hold to continue changing channels.

CLEAR Removes any menu or display from the screen and returns you to TV viewing.

DISPLAY Displays channel information.

Note: The DISPLAY button on your remote might be labeled INFO. The functionality of this button is the same.

DVD Puts the remote in DVD mode to operate RCA, GE and Proscan DVD players. It cannot be programmed.

FORWARD If you're operating a VCR or DVD Player with the remote control, press FORWARD to advance a disc or videotape.

GO BACK Returns you to the previous channel.

GUIDE If you're operating another component that has a guide, this button accesses the on-screen guide.

INPUT In TV mode, press INPUT to toggle through the available Video Input channels. In SAT mode, press to select available channel lists for RCA, GE and Proscan satellite receivers.

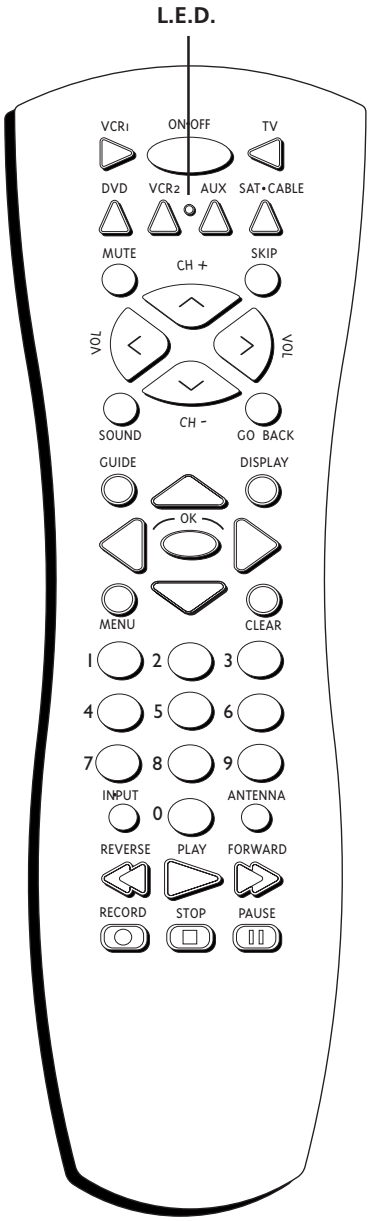
L.E.D. (light-emitting diode) The little light on the remote that lights when you are programming the remote. It also lights when you press a valid button on the remote.

MENU Displays the TV's Main menu and selects highlighted items.

MUTE Lowers the volume to its minimum level. Press again to restore volume.

OK If you're operating another component, the OK button might allow you to select a highlighted item in the on-screen menu.

ON•OFF Turns the TV on and off. When the remote is in another mode (VCR, DVD, Satellite, etc.) and the remote is programmed to operate that component, you can press ON•OFF to turn the component on and off.



Point and Select

To use the on-screen menus, you need to know one rule: point and select:

- **Point to your selection with the on-screen highlight. (Use the left and right arrow buttons on your remote to move left and right; use the up and down arrow buttons to move up and down.)**
- **Press the MENU button to select the highlighted item.**

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THE REMOTE CONTROL

PAUSE If you're operating a VCR or DVD Player with the remote control, press PAUSE when the disc or videotape is playing to pause playback.

PLAY If you're operating a VCR or DVD Player, plays the disc or videotape.

RECORD If the remote is in VCR mode, press RECORD to start recording.

REVERSE If you're operating a VCR or DVD Player with the remote control, press REVERSE to go backwards on a disc or videotape.

SAT•CABLE Puts the remote in SAT•CABLE mode.

SKIP If you press this button before you change the channel, the TV waits 30 seconds and automatically goes back to the original channel. Each time you press SKIP, you add 30 seconds (i.e, if you press SKIP two times before you change the channel, the TV waits 60 seconds and automatically turns back to the original channel).

SOUND If you're operating another component with several sound options, this button displays those options.

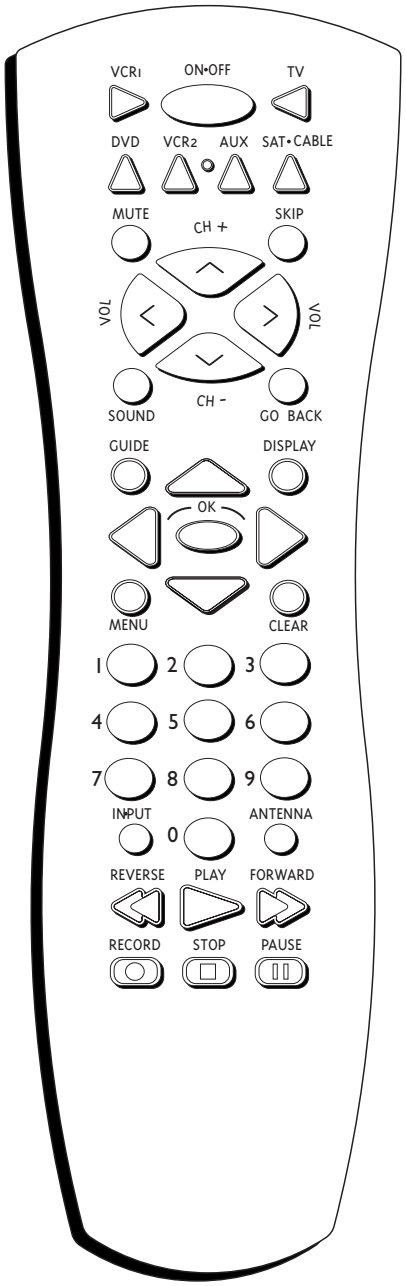
STOP If you're operating a VCR or DVD Player, stops playing the disc or videotape.

TV Turns on the TV and puts the remote in TV mode. Also displays channel information.

VCR1 Puts the remote in VCR1 mode.

VCR2 Puts the remote in VCR2 mode.

VOL (up and down) buttons Decrease or increase the TV's volume.



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THE REMOTE CONTROL

PROGRAMMING THE REMOTE TO OPERATE OTHER COMPONENTS

The universal remote control can be programmed to operate most brands of remote controllable VCRs, satellite receivers and cable boxes. The remote is already programmed to operate most RCA, GE and Proscan TVs, VCRs, DVD players, laserdisc players and satellite receivers.

FIND OUT IF YOU NEED TO PROGRAM THE REMOTE

To determine whether the universal remote needs to be programmed, turn a component ON, such as a VCR, point the remote at the VCR, and press the VCR1 button. Then press ON•OFF or channel up or channel down to see if the VCR responds to the remote commands. If not, the remote needs to be programmed.

Note: The DVD button cannot be programmed. It can be used to operate RCA, GE and Proscan DVD players only.

HOW TO PROGRAM THE REMOTE

There are two ways to program the remote control: automatic code search and direct entry. Instructions for both ways follow.

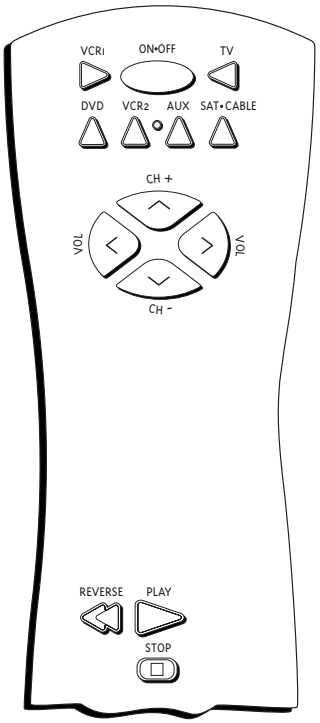
Using Automatic Code Search

1. Turn on the component you want the remote to operate (VCR, Cable Box, Satellite Receiver)
2. Press and hold the component button on the remote control that corresponds to the component you want the remote to operate (VCR1, SAT•CABLE). While you hold down the component button, press and hold ON•OFF (when the light on the remote turns on, release both buttons).
3. Press PLAY (the light on the remote, located below the ON•OFF button, starts flashing).

   The remote is searching the first set of component codes (there are 20 sets of codes). If the component you want to operate doesn't turn off automatically after 5 seconds, press PLAY again (the light starts flashing again as the remote searches through the next set of codes).

   Continue pressing PLAY until the component turns off.

   Note: If the component doesn't turn off after you've pressed the PLAY button 20 times, the component can't be programmed.
4. Press REVERSE, wait 2 seconds. Repeat this step until the component turns back on.
5. To finish, press and hold the STOP button until the light on the remote turns off.



You'll use these buttons when you program the remote to operate another component. The remote may not operate all models of all brands.

Tip

To stop the automatic code search without programming any components, press and hold CLEAR until the light on the remote turns off.

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THE REMOTE CONTROL

Using Direct Entry

1. Turn on the component you want the remote to operate.
2. Look up the brand and code number(s) for the component on the code list on page 7.
3. Press and hold the component button that corresponds to the component you want the remote to operate (VCR1, VCR2, SAT•CABLE, or AUX)
4. Enter the code from the code list.
5. Release the component button.
6. Press ON•OFF to see if the component responds to the remote commands. If it doesn't, try pressing the component button and then ON•OFF again.
7. If you get no response, repeat these steps using the next code listed for your brand until the component responds to the remote commands.

HOW TO USE THE REMOTE AFTER YOU'VE PROGRAMMED IT

Once the remote has been programmed successfully, you are ready to use it to control your components. To operate the component:

1. Press the component button (VCR1, VCR2, SAT•CABLE, or AUX) to set the remote to operate the component.
2. Press ON•OFF to turn the component ON or OFF.
3. Use the remote buttons that apply to that component.

Note: If you keep pressing buttons and nothing happens, the remote is probably in the wrong mode. You must press the component button that matches the component you want to operate (i.e., if you want to operate the VCR, press VCR1 on the remote control to put the remote in VCR mode.)

Tip

The buttons might operate differently for other components, especially when you're using another component's menu system.

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THE REMOTE CONTROL

VCR Codes

Program to VCR1, VCR2, AUX buttons

Admiral 2131
Adventura 2026
Aiko 2027
Aiwa 2002, 2026
Akai 2003, 2004, 2005, 2007, 2008, 2111,2112, 2113
American High 2021
Asha 2013
Audio Dynamics 2009, 2010
Audiovox 2014
Bell & Howell 2011
Beaumark 2013
Broksonic 2012, 2025
Calix 2014
Candle 2013, 2014, 2015, 2016, 2017, 2018, 2019
Canon 2021, 2022, 2114
Capehart 2020, 2110
Carver 2062
CCE 2027, 2061
Citizen 2013, 2014, 2015, 2016, 2017, 2018,2019,2027
Colortyme 2009
Colt 2061
Craig 2013, 2014, 2023, 2061
Curtis-Mathes ..... 2000, 2002, 2009, 2013, ... 2016, 2018, 2021, 2022, 2024, 2115
Cybernex 2013
Daewoo ... 2015, 2017, 2019,2025, 2026, 2027, 2028, 2110
Daytron 2110
Dbx 2009, 2010
Dimensia 2000
Dynatech 2002, 2026
Electrohome 2014, 2029
Electrophonic 2014
Emerson ..... 2002, 2012,2014, ... 2015, 2021, 2024, 2025,2026,2029, 2030, 2032, ... 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, ... 2042, 2044, 2045, 2047, 2065, 2105, 2113, 2116, 2117, 2130
Fisher 2011, 2023, 2048, 2049, 2050, 2051, 2052,2118
Fuji 2021, 2119
Funai 2002, 2026
Garrard 2026
GE 2000, 2001, 2013, 2021, 2022, 2053, 2115, 2120
Goldstar 2009, 2014, 2018, 2054, 2121
Gradiente 2026
Harley Davidson 2026
Harman Kardon 2009
Harwood 2061
Headquarter 2011
Hitachi ... 2002, 2055, 2056, 2057, 2107, 2111, 2120, 2122
HI-Q 2023
Instant Replay 2021
JCL 2021
JC Penney ..... 2009, 2010, 2011, 2013, 2014, 2021, ... 2022, 2055, 2056, 2058, 2059, 2060, 2107, 2118
Jensen 2055, 2056, 2111
JVC 2009, 2010, 2011, 2018, 2058, 2111, 2123
Kenwood . 2009, 2010, 2011, 2016, 2018, 2058, 2111,2123
KLH 2061
Kodak 2014, 2021
Lloyd 2002, 2026
Logik 2061
LXI 2014
Magnavox 2021, 2022, 2062, 2063, 2104, 2108, 2124
Magnin 2013
Marantz ..... 2009, 2010, 2011, ... 2016, 2018, 2021, 2058, 2062,2064
Marta 2014
Masushita 2021
MEI 2021
Memorex ..... 2002, 2011, ... 2013, 2014, 2021, 2023, 2026, 2104, 2131
MGA 2029, 2065, 2113
MGN Technology 2013
Midland 2053
Minolta 2055, 2056, 2107
Mitsubishi ..... 2029, 2055, 2056, 2065, 2066, 2067, 2069, ... 2070, 2071, 2072, 2073, 2074, 2106, 2113, 2123
Montgomery Ward 2075, 2131
Motorola 2021,2131
MTC 2002, 2013, 2026
Multitech 2002, 2013, 2016, 2026, 2053, 2061
NEC ..... 2009, 2010, 2011, 2016, 2018, ... 2058, 2064, 2076, 2078, 2079, 2111, 2123
Nikko 2014
Noblex 2013
Olympus 2021
Optimus 2014, 2131
Optonica 2096
Orion 2035
Panasonic 2021, 2022, 2109, 2125, 2126, 2127
Pentax 2016, 2055, 2056, 2107, 2120
Pentex Research 2018
Philco 2021, 2022, 2062, 2063
Philips 2021, 2062, 2096, 2124
Pilot 2014
Pioneer 2010, 2055, 2080, 2081, 2123
Portland 2016, 2017, 2019, 2110
ProScan 2000, 2001
Protec 2061
Pulsar 2104
Quarter 2011
Quartz 2011
Quasar 2021, 2022, 2125
RCA ..... 2000, 2001, 2003, 2013, 2021, ... 2055, 2056, 2082, 2083, 2084,2085, 2086,2087, ... 2088, 2089, 2090, 2091, 2107, 2115, 2120, 2125
Radioshack/Realistic ..... 2002, 2011, 2013, 2014 .... 2021, 2022, 2023, 2026, 2029, 2049, 2050, 2096, 2131
Radix 2014
Randex 2014
Ricoh 2128
Runco 2104
Samsung 2005, 2013, 2015, 2033, 2053, 2112
Sanky 2131, 2104
Sansui 2010, 2092, 2111, 2123
Sanyo 2011, 2013, 2023
Scott 2012, 2015, 2025, 2032, 2035, 2038, 2065, 2093, 2116
Sears ..... 2011, 2014, 2021, 2023, 2048, ... 2049, 2050, 2051, 2055, 2056, 2107, 2118
Sharp 2002, 2017, 2029, 2094, 2095, 2096, 2131
Shintom 2004, 2056, 2061, 2098
Shogun 2013
Signature 2002, 2131
Singer 2021, 2061, 2128
Sony 2002, 2004, 2098, 2099, 2119, 2128
STS 2021, 2107
Sylvania . 2002, 2021, 2022, 2026, 2062, 2063, 2065, 2124
Symphonic 2002, 2026
Tandy 2002, 2011
Tashiko 2014
Tatung 2058, 2111
TEAC 2002, 2026, 2058, 2085, 2111
Technics 2021, 2109
Teknika 2002, 2014, 2021, 2026, 2100, 2129
TMK 2013, 2024, 2047
Toshiba 2015, 2049, 2051, 2055, 2065, 2093, 2116
ToteVision 2013, 2014
Unitech 2013
Vector Research 2009, 2010, 2015, 2016
Victor 2010
Video Concepts 2009, 2010, 2015, 2016, 2113
Videosonic 2013
Wards ..... , 2002, 2013, 2014, 2015, 2021, 2023, 2026, ... 2029, 2055, 2056, 2061, 2096, 2101, 2102, 2103, 2107, 2116, 2131
XR-1000 ..... 2021, 2026, 2061
Yamaha 2009, 2010, 2011, 2018, 2058, 2111
Zenith 2004, 2098, 2104, 2119, 2128

Cable Boxes Codes

Program to SAT•CABLE or AUX button

ABC 5002, 5003, 5004, 5005, 5006, 5007, 5053
Antronix 5008, 5009
Archer 5008, 5009, 5010, 5011
Cabletenna 5008
Cableview 5008
Century 5011
Citizen 5011
Colour Voice 5012, 5013
Comtronics 5014, 5015
Contec 5016
Eastern 5017
Garrard 5011
GC Electronics 5009
Gemini 5018, 5019, 5049
General Instrument 5003
Hamlin 5020, 5021, 5022, 5035, 5045
Hitachi 5003
Hytex 5002
Jasco 5011
Jerrold ... 5003, 5005, 5007,5018, 5023, 5024, 5046, 5053
Magnavox 5025
Memorex 5026
Movie Time 5002, 5027, 5028
NSC 5002, 5027, 5028
Oak 5002,5016, 5029
Panasonic 5048, 5052
Paragon 5026
Philips 5011, 5012, 5013, 5019, 5025, 5030, 5031, 5032
Pioneer 5033, 5034
Pulsar 5026
RCA 5047, 5049, 5052
Realistic 5009, 5049
Regal 5022, 5035
Regency 5017
Rembrandt 5003
Runco 5026
Samsung 5014, 5034
Scientific Atlanta 5006, 5036, 5037, 5038
Signal 5014, 5018
Signature 5003
SL Marx 5014
Sprucer 5052
Starcom 5007, 5018, 5053
Stargate 5014, 5018
Starquest 5018
Tandy 5040
Teleview 5014
Tocom 5004, 5023, 5041
Toshiba 5026
Tusa 5018
TV86 5027
Unika 5008, 5009, 5011
United Artists 5002
United Cable 5053
Universal 5008, 5009, 5010, 5011
Videoway 5044
Viewstar 5015, 5025, 5027, 5040
Zenith 5026, 5050, 5051

Satellite Receivers Codes

Program to SAT•CABLE or AUX button

Chapparal 5056, 5057
Drake 5058, 5059
GE 5000
General Instruments 5060, 5061, 5062
Panasonic 5075
Primestar 5076
ProScan 5000
RCA 5000
Realistic 5063
Sony 5072
STS1 5064
STS2 5065
STS3 5066
STS4 5067
Toshiba 5068
Toshiba 5073
Uniden 5069

Audio Codes

Program to AUX button (for Dimensia and some RCA brands only)

AM/FM 4003
Aux 4004
Phono 4005
CD 4007
Tape 4006

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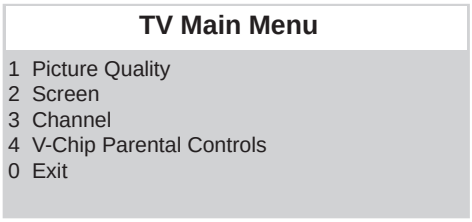
THE MENU SYSTEM

TV MAIN MENU

The *TV Main Menu* is your gateway to controlling the TV. It lets you adjust the TV's picture quality, screen, channel settings, and parental controls.

To select a menu item:

1. Press MENU to bring up the *TV Main Menu*.
2. Use the up and down arrow buttons on the remote or CHAN ^/v on the front of TV to highlight an item and press MENU to select it; or you can also press the corresponding number on the remote.
3. To exit any menu screen, highlight *Exit* and press MENU, or press CLEAR on the remote.



The TV Main Menu

THE PICTURE QUALITY MENU

The *Picture Quality Menu* contains five controls that adjust the TV's picture. Use the arrow buttons to adjust the controls.

Contrast Adjusts the difference between light and dark areas of the picture.

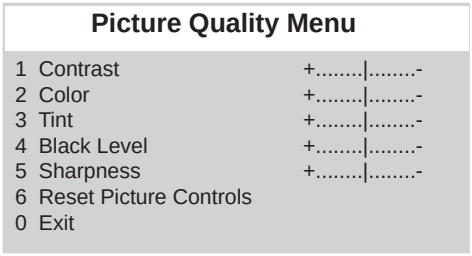
Color Adjusts the richness of the color.

Tint Adjusts the balance between the red and green levels allowing you to get the correct fleshtones.

Black Level Adjusts the brightness of the picture.

Sharpness Adjusts the crispness of edges in the picture.

Reset Picture Controls Resets the picture controls to their original settings.



The Picture Quality Menu

THE SCREEN MENU

The *Screen* menu contains the controls that let you adjust the Closed-Caption display, Closed-Caption mode, and Menu Language.

CC (Closed-Caption) Display Lets you choose the way closed captioning information is shown on the screen. Use the MENU button to toggle between the following:

Off No captioning information displayed.

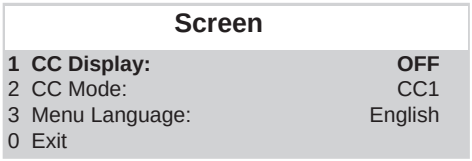
On Captioning information shown always, when available.

On When Muted Displays captioning information, when available, whenever you press the MUTE button. The captioning information is not displayed when the sound is not muted.

CC (Closed-Caption) Mode Lets you choose which captioning mode is used for displaying captioning information. Use the MENU button to toggle between the choices: CC1 and CC2.

Not all programs are encoded with closed-captioning information. When a program is closed captioned, the letters CC are displayed under the Channel Marker.

Menu Language Lets you select the language of your choice: English, French, or Spanish. Use the MENU button to toggle between the choices.



The Screen menu

Closed Caption Modes

CC1: full translation of the primary language in your area

CC2: secondary language translation, simplified English, or whatever is being broadcast in your area

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THE MENU SYSTEM

THE CHANNEL MENU

The *Channel* menu contains all the commands used to control your channels, including custom-building your channel list.

Signal Type Displays a toggle that lets you select the current antenna type:

Antenna Choose this if you are currently using an off-air antenna for UHF/VHF TV signals.

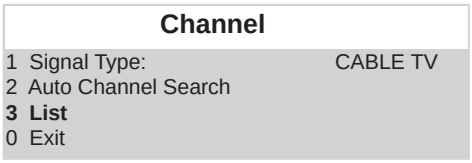
Cable TV Choose this if you are currently using cable or a cable box for TV signals.

Auto Channel Search Selecting this option tells the TV to search automatically for all the channels available through the antenna input. When the TV finds an active channel, it places it in the channel list. Inactive channels (weak stations or channels with no signal at all) will be removed from the channel list. (You may interrupt this process by pressing the MENU button.)

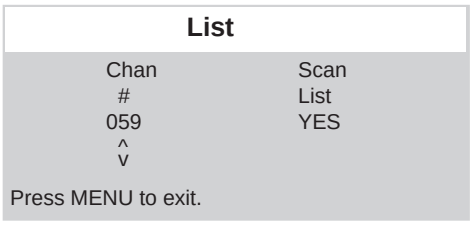
List Displays a control panel that lets you customize your channel scan list by adding or removing channels. Use the left and right arrow buttons to move left and right between fields; use the up and down arrow buttons to enter settings. Press MENU to exit.

Channel Number Use the CH^/v buttons to scroll through the channel scan list. You can also enter the channel number directly using the number buttons.

Scan List Indicates whether the channel number is included (YES) or is not included (NO) in the channel scan list. If you don't want to include a specific channel in your channel scan list, select NO. You can still access the channel by using the number buttons on your remote control.



The Channel menu



List menu

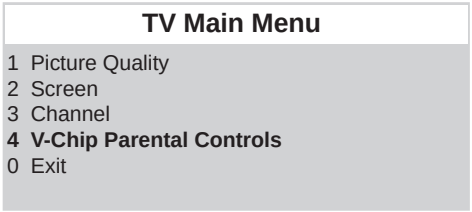
V-CHIP PARENTAL CONTROLS

The *V-Chip Parental Controls* menu allows you to program your TV so that children cannot see certain programs. When you select *V-Chip Parental Controls*, you will be prompted to enter your password if controls are locked, or to remember to lock controls if unlocked.

The first three choices in the Parental Controls menu involve software inside your TV (dubbed V-Chip) which allows you to block TV programs and movies based on violence, sex, or other content you believe children should not view. Once you block programs, you or other adults can unblock programs with a password.

When turned "on," the software reads a code that most broadcasters send with programs. That code tells the V-Chip the program's age-based rating and content themes. If you have blocked the rating or content themes that the program contains, you will receive the message, "This program is blocked. Change channel or press DISPLAY to enter password." When you tune to that program.

Broadcasters are not required to provide content themes or age-based ratings. Rated programs received with no content themes will only be blocked if you block their age-based rating. You can also block movies with a rating of "Not Rated" and "unrated" TV programs.



Setting V-Chip Parental Controls

The V-Chip software inside your TV comes turned "off," so if you choose to implement it, you must turn it on.

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V-CHIP MOVIE RATING LIMIT

With the *Movie Rating Limit* you can set movie-viewing limits.

Blocking Movie Ratings

You can automatically block all movie ratings above a specified rating using *Movie Ratings Limit* in the Parental Controls menu.

- **To block all movies above a certain rating:** In the Rating field, use down arrow to highlight the *lowest unacceptable* rating. Then highlight the Rating Status field and press the up or down arrow button to change the status from *View* to *Block*. All higher ratings will automatically change to *Block*.
- **To lock your selection(s):** Select *Parental Controls* from the Parental Controls menu. Press the MENU to select LOCKED. Enter your password (if you have not already set your password, you will be prompted to enter it again to confirm).

Viewing Movie Ratings

After you block movie ratings, you have the option of changing some of the ratings back to *View*.

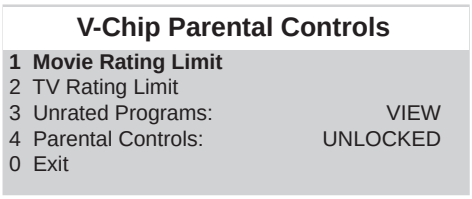
- **To view movie ratings:** Highlight the Rating field and use the up or down arrow button to find the rating you want to view. Then use the right arrow button to highlight the Rating Status field, and use the up or down arrow button to change the status to *View*.

V-CHIP TV RATING LIMIT

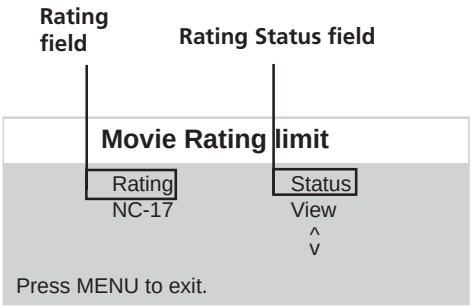
The V-Chip TV Rating Limit lets you decide which TV programs can be viewed. To set TV programming limits:

1. Choose *V-Chip Parental Controls* from the Main menu. If Parental Controls have previously been locked, you must enter your password.
2. Press MENU to continue.
3. Highlight and select *TV Rating Limit*.
4. Once you get to the TV Rating Limit screen, use the arrow buttons on your remote to change the status of a TV program rating or content theme from *View* to *Block*.

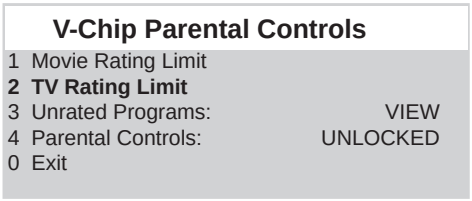
The following sections give you more details about how to change the status of TV program limits.



Selecting Movie Rating Limit



Viewing movie ratings



Selecting TV Rating Limit

Tip

When you change the status of an age-based rating to Block, the system will automatically block that rating and all of its content themes and all higher ratings and their content themes. When you change the status of a Content Theme to B, the system will automatically block that content theme in the current rating and in all higher ratings. Only the content theme status corresponding to the current age-based rating changes to View (V). Higher rated content themes do not change.

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THE MENU SYSTEM

The TV Rating Limit Screen

Below is an example of where items are located within the TV Rating Limit screen.

Tip

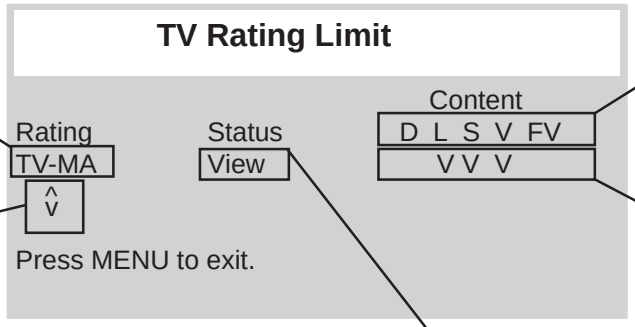
You can always press MENU to exit back to the previous screen while in the Rating Limit menus.

Rating field

Lets you select from a list of age-based ratings you can block or view.

Pointer Highlight

Lets you see the position of the cursor on the screen.



Content Themes

Lists the content themes you can block or view.

Content Status fields

Lets you select which content themes to view for the selected rating, and whether the status of the content theme is currently View (V) or Block (B).

Rating Status field

Lets you select whether the status of the age-based rating limit to the left is *View* or *Block*.

The TV age-based ratings and content themes you can block are listed in the table below.

Age-Based Rating	Description and Content Themes for Age-Based Ratings
TV-MA	Mature Audience Only. Specifically designed to be viewed by adults and may be unsuitable for children under 17. It contains one or more of the following content themes: **graphic violence (V), explicit sexual activity (S), or crude indecent language (L).**
TV-14	Parents Strongly Cautioned. Contains some material that many parents would find unsuitable for children under 14. Parents are strongly urged to exercise greater care in monitoring this program and are cautioned against letting children under the age of 14 watch unattended. This program contains one or more of the following content themes: **intense violence (V), intense sexual situations (S), strong coarse language (L), or intensely suggestive dialogue (D).**
TV-PG	Parental Guidance Suggested. Contains material that parents may find unsuitable for younger children. Many parents may want to watch it with their younger children. The program contains one or more of the following content themes: **moderate violence (V), some sexual situations (S), infrequent coarse language (L), or some suggestive dialogue (D).**
TV-G	General Audience. Most parents would find this program suitable for all ages. It contains **little or no violence (V), sexual situations (S) no strong language, (L) and little or no sexual dialogue (D)**.
TV-Y7	Directed to Children 7 years and older. Designed for children ages 7 and above. It may be more appropriate for children who have acquired the developmental skills needed to distinguish between make-believe and reality. Themes and elements in this program may include mild **fantasy violence (FV)** or comedic violence, or may frighten children under the age of 7.
TV-Y	All Children. Themes and elements in this program are designed for a young audience, including children from ages 2-6. It is not expected to frighten younger children.

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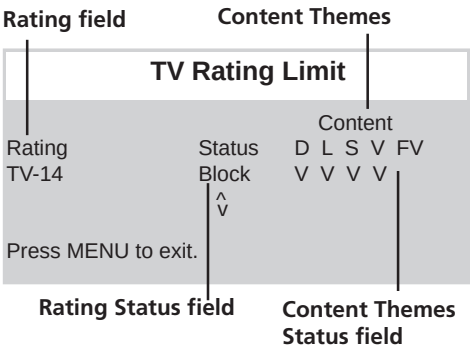
THE MENU SYSTEM

Blocking Age-Based Ratings and Content Themes

You can automatically block all program ratings or content above a specified age-based rating level using the V-Chip *TV Rating Limit* screen.

Refer to the chart at the beginning of this section to learn about each age-based rating and its associated content ratings.

- **To block all programs above a certain rating level:** Highlight the Rating field, then scroll through the ratings using the down arrow button until the *lowest unacceptable* rating is highlighted. Then use the right arrow button to highlight the Rating Status field and select Block.
- **To block all programs with specific content above a certain rating level:** Content Themes are specific to the rating level. Therefore, you must first highlight the Rating field and scroll through the ratings using the down arrow button until the *lowest* rating associated with the type of content you want to block is highlighted. Then highlight the Content Theme Status field and change the V to B under the appropriate Content Theme.

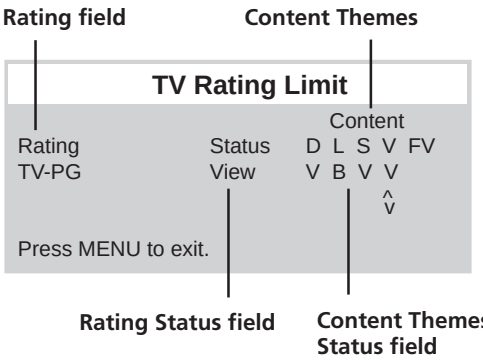


Blocking age-based ratings and content themes

Viewing Age-Based Ratings and Content Themes

After you have blocked age-based ratings and content themes, you have the option of selectively changing some of the ratings and themes back to View.

- **To view ratings:** Highlight the Rating Field, then use the up or down arrow button to select the rating you want to view. Press the right arrow to highlight the status field, then press the down arrow to change its status from Block to View. When you change a specific rating to View, the Content Status fields corresponding to the unblocked rating become View as well.
- **To view content:** Highlight the Rating field, then use the up or down arrow button to select the rating whose Content Theme settings you want to change. Press the right arrow to highlight the Content Theme Status that you want to change; then use the up or down arrow button to change it to *V*.



Viewing age-based ratings and content themes

Overriding Limits

When you override a blocked program by entering your password, the Parental Controls option on the V-Chip Parental Controls menu will read *Disabled*. In this state, access to the Parental Controls menu is still locked and all controls will be in effect the next time the TV is turned on.

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V-CHIP UNRATED PROGRAM BLOCK

Selecting this option lets you decide if programs that the V-Chip recognizes as "unrated" can be viewed.

View All unrated programs are available.

Block No unrated programs are available.

"Unrated" TV programs may include news, sports, political, religious, local, and weather programs, and public announcements. Also, the first few seconds of a channel with rated programming may be blocked (due to a brief delay in transmission of the rating information).

LOCK/UNLOCK PARENTAL CONTROLS

Selecting this option lets you lock and unlock parental controls settings using a password.

You must lock Parental Controls for TV rating and content, movie rating, and unrated program blocks to take effect.

If you forget your password, the password can be reset to 0000 by simultaneously pressing and holding the volume down and the channel up buttons on the front panel for five seconds. Using this password, you can then access the V-chip menus.

"Unrated" vs. "Not Rated"

All movies are assigned a rating. Some movies are given a rating of Not Rated (NR). You can assign Block or View status to the NR rating in the V-Chip Movie Rating Limit screen.

Not all television programs are assigned a rating (age-based rating). To assign View or Block status to "unrated" television programs, you must use the Unrated Programs option from the V-Chip Parental Controls menu.

Remember

When you want to watch a blocked program, press the DISPLAY button on the remote to enter your password.

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TROUBLESHOOTING

If you experience any difficulty with your TV, check these basic remedies before calling your service technician.

TV Problems

TV won't turn on

- Press the TV button.
- Check to make sure it is plugged in.
- Check the wall receptacle (or extension cord) to make sure it is "live" by plugging in something else.
- Something might be wrong with your remote control. Press the POWER button on the front of the TV. If the TV turns on, check the remote control solutions.
- Make sure the Front Panel Lock feature is not set.

Buttons don't work

- If you're using the remote control, press the TV button first to make sure the remote is in TV mode.
- Make sure the Front Panel Lock feature is not set
- Try unplugging set for one minute, plugging it back in, and then turning it on again.

Turns on or off while playing

- Electronic protection circuit may have been activated because of a power surge. Wait 30 seconds and then turn on again. If this happens frequently, the voltage in your house may be abnormally high.

Blank screen or black box appears on the screen

- Try another channel.
- Captioning may be turned on. Check the Closed-Caption Display control panel in the Screen menu.

No sound, picture okay

- Maybe sound is muted. Try pressing volume up button to restore sound.

No picture, no sound, but power is on

- Maybe cable/air function is in wrong position. Try another channel.
- Maybe a vacant channel is tuned. Try another channel.

Sound okay, picture poor

- Check antenna connections.
- Try adjusting sharpness function to improve weak signals.

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TROUBLESHOOTING

Remote Control Doesn't Work

- Maybe something is between the remote and the remote sensor on the component. Make sure there is a clear path.
- Maybe the remote is not aimed directly at the component you are trying to operate.
- Maybe batteries in remote are weak, dead or installed incorrectly. Try replacing batteries. (Note, if you remove the batteries, you might have to reprogram the remote to operate other components.)
- You might need to drain the remote's microprocessor: remove batteries and press the number 1 button for at least 60 seconds. Release the 1 button, replace the batteries, and (if necessary) program the remote again.

Problems with V-Chip/Parental Controls

The rating limits don't work

- You must lock the settings. Go to the *TV Main Menu* (press MENU on your remote), select *V-Chip Parental Controls* (press 4 on your remote), select *Parental Controls* (press 4 on your remote). Then enter your password to lock Parental Controls.

I don't remember my password and I want to unlock the TV

- If you forget your password, simultaneously press and hold volume down and channel up buttons on the front panel for five seconds. You can now unlock the TV by using 0000 as your password.

The V-Chip won't let me watch a program even though it's not rated as violent

- Maybe the movie was given an NR (Not Rated) status. After you block movie ratings, you must set *NR* to *View* separately in order to view movies with the NR rating.

CARE AND CLEANING

CAUTION: Turn OFF your TV before cleaning.
You can clean the TV as required, using a soft lint-free cloth. Be sure to occasionally dust the ventilation slots in the cabinet to help assure adequate ventilation.

The TV's screen may be cleaned with a soft, lint-free cloth as well. Take care not to scratch or mar the screen. If necessary, you may use a cloth dampened with warm water. Never use strong cleaning agents, such as ammonia-based cleaners, or abrasive powder. These types of cleaners will damage the TV.

While cleaning do not spray liquid directly on the screen, or allow liquid to run down the screen and inside the TV. Also, avoid placing drinks or vases with water on top of the TV. This could increase the risk of fire or shock hazard or damage to the TV.

Caution: Using video games or any external accessory with fixed images for extended periods of time can cause them to be permanently imprinted on the picture tube (or projection TV picture tubes). ALSO, some networks/program logos, phone numbers, etc. may cause similar damage. This damage is not covered by your warranty.

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LIMITED WARRANTY

RCA TV LIMITED WARRANTY

What your warranty covers:

- Defects in materials or workmanship.

For how long after your purchase:

- 90 days from date of purchase for labor charges.
- One year from date of purchase for parts.
- Two years from date of purchase for the picture tube.

The warranty period for rental units begins with the first rental or 45 days from date of shipment to the rental firm, whichever comes first.

What we will do:

- Pay any Authorized RCA Television Service Center the labor charges to repair your television.
- Pay any Authorized RCA Television Service Center for the new or, at our option, refurbished replacement parts and picture tube required to repair your television.

How you get service:

- For screen sizes of 26" and smaller: Take your RCA television to any Authorized RCA Television Service Center and pick up when repairs are complete.
- For screen sizes larger than 26": Request home or pick up, repair, and return service from any Authorized RCA Television Service Center, provided that your television is located within the geographic territory covered by an Authorized RCA Television Service Center. If not, you must take your television to the Service Center location at your own expense, or pay for the cost the Service Center may charge to transport your television to and from your home.
- To identify your nearest Authorized RCA Television Service Center, ask your dealer, look in the Yellow Pages, or call 1-800-336-1900.
- Proof of purchase in the form of a bill of sale or receipted invoice which is evidence that the product is within the warranty period must be presented to obtain warranty service. For rental firms, proof of first rental is also required.

What your warranty <u>does not</u> cover:

- Customer instruction. (Your Owner's Manual describes how to install, adjust, and operate your television. Any additional information should be obtained from your dealer.)
- Installation and related adjustments.
- Signal reception problems not caused by your television.
- Damage from misuse or neglect.
- Batteries.
- Customer replacement fuses.
- Images burnt onto the screen.
- A television that has been modified or incorporated into other products or is used for institutional or other commercial purposes.
- A television purchased or serviced outside the U.S.A.
- Acts of nature, such as but not limited to lightning damage.

Product Registration:

- Please complete and mail the Product Registration Card packed with your TV. It will make it easier to contact you should it ever be necessary. The return of the card is not required for warranty coverage.

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LIMITED WARRANTY

Limitation of Warranty:

- **THE WARRANTY STATED ABOVE IS THE ONLY WARRANTY APPLICABLE TO THIS PRODUCT. ALL OTHER WARRANTIES, EXPRESS OR IMPLIED (INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) ARE HEREBY DISCLAIMED. NO VERBAL OR WRITTEN INFORMATION GIVEN BY THOMSON MULTIMEDIA INC., ITS AGENTS OR EMPLOYEES SHALL CREATE A GUARANTY OR IN ANY WAY INCREASE THE SCOPE OF THIS WARRANTY.**
- **REPAIR OR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS THE EXCLUSIVE REMEDY OF THE CONSUMER. THOMSON MULTIMEDIA INC. SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THIS PRODUCT OR ARISING OUT OF ANY BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THIS PRODUCT. THIS DISCLAIMER OF WARRANTIES AND LIMITED WARRANTY ARE GOVERNED BY THE LAWS OF THE STATE OF INDIANA. EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON THIS PRODUCT IS LIMITED TO THE APPLICABLE WARRANTY PERIOD SET FORTH ABOVE.**

How state law relates to this warranty:

- Some states do not allow the exclusion nor limitation of incidental or consequential damages, or limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to you.
- This warranty gives you specific legal rights, and you also may have other rights that vary from state to state.

If you purchased your product outside the United States:

- This warranty does not apply. Contact your dealer for warranty information.

Service calls which do not involve defective materials or workmanship are not covered by this warranty. Costs of such service calls are the sole responsibility of the purchaser.

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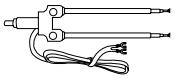
ACCESSORIES

Remote Control
This is the remote that came packed with your TV. You can use the order form to order it direct by mail if desired.

CRK76BB1

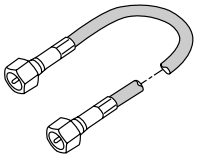
Dipole Antenna
Designed to attach to the back of your TV. Can be used for both VHF and UHF channels.



156265

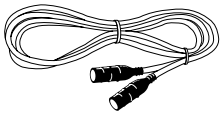
Antenna Cables

Screw-on Antenna Cable
Attaches to the round antenna connectors (called 75-ohm F-type) on the back of your VCR or TV. The ends screw onto the connectors for a secure connection.



VH81 (3-ft)

Push-on Antenna Cable
Attaches to the round antenna connectors (called 75-ohm F-type) on the back of your VCR or TV. Ends push on for a quick connection.



Gold-Tipped Cables
VH89 (6-ft),VH90(10-ft)

Note: All specifications and descriptions of accessories are subject to change without notice.

Accessory Order Form

Description	Stock No.	Price	Qty	Total
Transformer	VH54	$2.95		
Cleaner/Polisher	AH035	$6.95		
Screw-on Antenna Cable (3-ft)	VH81	$3.95		
A/B Switch	VH74	$19.95		
Gold-Tipped Antenna Cable (6-ft)	VH89	$5.95		
Gold-Tipped Antenna Cable (10-ft)	VH90	$7.95		
Dipole Antenna	156265	$11.15		
Antenna Adapter	193983	$9.90		
Antenna Mixer	193984	$11.15		
Remote Control (CRK76BB1)	254621	$34.95		

Prices are subject to change without notice.

Total Merchandise ..... $ _____

Sales Tax ..... $ _____

We are required by law to collect the appropriate sales tax for each individual state, country, and locality to which the merchandise is being sent.

Shipping and Handling ..... $ 5.00

Total Amount Enclosed ..... $ _____

Use VISA, MasterCard, or Discover Card preferably.

Money order or check must be in U.S. currency only.

No COD or CASH.

All accessories are subject to availability.

Where applicable, we will ship a superseding model.

Detach Here

Please Complete Other Side Also

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ACCESSORIES

Charge your order on your VISA, MasterCard, or Discover Card by filling in below

USE YOUR CREDIT CARD

IMPORTANT: Copy complete account number from your VISA card

My card expires: ☐☐ ☐☐

IMPORTANT: Copy complete account number from your MasterCard

Copy Number above your name on MasterCard ☐☐☐☐ My card expires: ☐☐ ☐☐

IMPORTANT: Copy complete account number from your Discover Card

My card expires: ☐☐ ☐☐

AUTHORIZED SIGNATURE
(Credit card order will not be processed without signature)

Print or type your name and address clearly.

A complete and correct order will save you days of waiting.

Name: _____

Street: _____

_____ Apt: _____

City: _____

State: _____ Zip: _____

Phone Number: _____

Please make sure that both sides of this form have been filled out completely.

- Allow 4 weeks for delivery.
- All accessories are subject to availability.
- Prices are subject to change

Detach Here

Placing An Order

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Please do not send any products to the Indianapolis address listed in this manual or on the carton. This will only add delays in service for your product.

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